

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS  
AGENDA ITEM TRANSMITTAL**

<b>(1) DEPARTMENT</b> Public Works	<b>(2) MEETING DATE</b> 5/8/2012	<b>(3) CONTACT/PHONE</b> Tom Trott, Capital Projects Manager (805) 781-1186	
<b>(4) SUBJECT</b> Consideration of 1) project update on the Highway 1 at 13th Street Drainage Improvement Project in Oceano; 2) approval of Amendment No. 4 to the Engineering Consulting Services Agreement with CSD Engineering Inc. in the amount of \$159,040 for design and construction support services; and 3) authorize the Public Works Director to sign future amendments to the agreement in an amount not to exceed an additional contingency of \$20,000.			
<b>(5) RECOMMENDED ACTION</b> It is our recommendation that your Honorable Board: <ol style="list-style-type: none"> <li>1. Receive the project status update on the Highway 1 at 13<sup>th</sup> Street Drainage Improvement Project in Oceano and provide staff direction as you deem appropriate;</li> <li>2. Approve and execute the attached Amendment No. 4 to the Agreement for Engineering Consulting Services with CSD Engineering, Inc. dated July 20, 2010 (Agreement) in the amount of \$159,440 to provide design and construction support services for Drainage Improvements at Highway 1 &amp; 13<sup>th</sup> Street in Oceano; and</li> <li>3. Authorize the Public Works Director to sign future amendments to the Agreement in an amount not to exceed an additional contingency of \$20,000.</li> </ol>			
<b>(6) FUNDING SOURCE(S)</b> CDBG / Roads Fund	<b>(7) CURRENT YEAR FINANCIAL IMPACT</b> \$179,440.00	<b>(8) ANNUAL FINANCIAL IMPACT</b> \$0.00	<b>(9) BUDGETED?</b> Yes
<b>(10) AGENDA PLACEMENT</b> <input type="checkbox"/> Consent <input type="checkbox"/> Presentation <input type="checkbox"/> Hearing (Time Est. _____) <input checked="" type="checkbox"/> Board Business (Time Est. 45 min.)			
<b>(11) EXECUTED DOCUMENTS</b> <input type="checkbox"/> Resolutions <input type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input type="checkbox"/> N/A		<b>(12) BUDGET ADJUSTMENT REQUIRED?</b> BAR ID Number: N/A <input type="checkbox"/> 4/5th's Vote Required <input checked="" type="checkbox"/> N/A	
<b>(13) OUTLINE AGREEMENT REQUISITION NUMBER (OAR)</b> 19001125		<b>(14) W-9</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
<b>(15) LOCATION MAP</b>  Attached	<b>(16) BUSINESS IMPACT STATEMENT?</b>  No	<b>(17) AGENDA ITEM HISTORY</b>  <input type="checkbox"/> N/A    Date 7/20/10, A-9; 6/21/11, A-28	
<b>(18) ADMINISTRATIVE OFFICE REVIEW</b> <i>Nikki J. Schmidt</i>			
<b>(19) SUPERVISOR DISTRICT(S)</b> District 4 -			

Reference: 12MAY08-BB-1

## County of San Luis Obispo



TO: Board of Supervisors

FROM: Public Works  
Tom Trott, Capital Projects Manager  
Jeff Lee, Project Manager

VIA: Dean Benedix, Utilities Division Manager

DATE: 5/8/2012

SUBJECT: Consideration of 1) status update of Highway 1 at 13th Street Drainage Improvement Project in Oceano; 2) approval of Amendment No. 4 to the Engineering Consulting Services Agreement with CSD Engineering Inc. in the amount of \$159,040 for design and construction support services; and 3) authorize the Public Works Director to sign future amendments to the agreement in an amount not to exceed an additional contingency of \$20,000.

### **RECOMMENDATION**

It is our recommendation that your Honorable Board:

1. Consider the status report on the Highway 1 at 13<sup>th</sup> Street Drainage Improvement Project in Oceano and provide staff direction as you deem appropriate; and
2. Approve and authorize the Public Works Director to execute the attached Amendment No. 4 to the Agreement for Engineering Consulting Services with CSD Engineering, Inc. dated July 20, 2010 (Agreement) in the amount of \$159,440 to provide design and construction support services for Drainage Improvements at Highway 1 & 13<sup>th</sup> Street in Oceano; and
3. Authorize the Public Works Director to sign future amendments to the Agreement in an amount not to exceed an additional contingency of \$20,000.

### **DISCUSSION**

Highway 1 at the intersection of 13<sup>th</sup> Street at Paso Robles Street, Oceano, has routinely flooded during storm events creating a variety of impacts on residents, property owners, and the travelling public. Caltrans has committed partial funding for a solution if the County would lead project efforts. The County can seek to manage area runoff by a project at this location and improve drainage, access and emergency response in Oceano.

On July 20, 2010, your Board approved a contract for CSD Engineering, Inc. (Cannon) to perform preliminary engineering and evaluation of alternatives to solve the chronic drainage issues. For the last two years, staff has worked with Cannon on the development of design alternatives and has

participated in a number of inter-agency meetings to discuss the proposed design concepts. This process has resulted in a preferred alternative that is supported by Caltrans, which is necessary since Highway 1 is under Caltrans jurisdiction.

The overall objective of the preferred alternative is two-fold:

1. Reduce the frequency of drainage issues at Highway 1 and 13<sup>th</sup> Street by constructing drainage facilities that collect and convey these flows to the Arroyo Grande Creek channel; and
2. Lessen flows to the Meadow Creek Lagoon area, thereby, helping to mitigate the existing drainage issues for downstream residences, businesses and South County Sanitation District facilities.

The preferred alternative includes construction of approximately 1,500 feet of storm drain pipe, to convey drainage from Highway 1, and an outfall pond (sedimentation basin). The basin will collect storm flows and allow debris and sediments to settle out prior to discharge through the existing 36-inch culvert or a new culvert located in the Arroyo Grande Creek levee. A schematic layout of the preferred alternative is shown on Exhibit "B".

The project has a high level of complexity due to site constraints and stakeholder involvement which includes the following:

1. Airport Land Use and FAA Requirements

The preferred alternative uses a portion of Oceano Airport land which requires approval of NEPA documentation and a modified Airport Layout Plan by the Federal Aviation Administration (FAA). These critical path tasks are anticipated to take 2 to 3 years to complete and will require the issues to be led through the General Services Airport Division.

2. Environmental Requirements

Environmental tasks for this project include approval of CEQA documentation, a County Land Use Permit, which is appealable to the CA Coastal Commission, and construction permitting through multiple agencies. Caltrans review and concurrence will also be needed with work within the State Highway and use of the State funds. These tasks are anticipated to take approximately 2 years to complete and will be done concurrently with the FAA tasks.

3. Schedule

Timely completion of this project will require a coordinated scheduling of tasks and events. The number of project related constraints and outside agencies involved will make implementation of this project a challenge. Certain funding commitments may have deadlines which will impact viability of project delivery. Exhibit "C" provides a list of outside agency related constraints.

4. Funding

The project has an Estimated Budget and Funding Sources as shown on Exhibit "A". Several entities have programmed funding for project construction. However, the current project estimate, which includes a 25% construction contingency of \$266,200, reflects a project shortfall of approximately 15% (\$385,036). Adequate existing funds are available to approve Amendment No. 4 to the Agreement for design. Staff will continue to work with the design team and the funding agencies to address the projected shortfall.

To implement this project and initiate coordination and approval by outside agencies, detailed design needs to be advanced. This next phase of work will provide design and documentation necessary for the lengthy processes needed for FAA consideration, environmental documents (CEQA and NEPA), Coastal Commission processing, construction permits and easement acquisition.

In order to commence detailed design it is our recommendation that the Board of Supervisors approve execute Amendment No. 4 to Consultant Agreement. Cannon was originally selected for engineering services on this project through the Board adopted Contract for Services Policy, County Request for Proposals (RFP) #1077 dated April 7, 2010. The scope of RFP #1077 included final design, preparation of plans, technical specifications and construction support services. Consequently, the recommended contract amendment conforms with RFP #1077.

Amendment No. 4 to the Agreement provides for the next phase of project development, including preparation of a final hydraulic study, final design plans, specifications, estimates and easement documents.

### **OTHER AGENCY INVOLVEMENT/IMPACT**

Caltrans has committed significant project funding in their FY2013-2014 Minor Program which currently commits the project to a construction contract by June 30, 2014. Due to the scheduling constraints, staff will continue to work with Caltrans to maintain their support of project implementation and monitor the funding schedule. Caltrans will provide on-going oversight of work within the State right of way under an encroachment permit.

The project has received significant funding from the San Luis Obispo Council of Governments (SLOCOG) and the Community Development Block Grant (CDBG) Program. While there are no specific funding deadlines associated with the SLOCOG and CDGB funds, diligent pursuit of the project will ensure timely appropriation of these funds.

Public Works staff periodically updates the Oceano Community Services District staff and local Advisory Councils on the progress of this project. The preferred alternative was presented to and positively received by the Oceano Advisory Council on March 19, 2012 and the Flood Control Zone 1/1A Advisory Committee on March 20, 2012.

Public Works, County's General Services, Airport Services Division and Planning Department staff have met several times to review and discuss project issues. General Services, Airport Services Division staff and their Aviation General Consultant, Reynolds, Smith & Hills, Inc., will be the vehicle for seeking FAA approvals and will work with Public Works to develop the environmental and permitting documents necessary for those approvals. San Luis Obispo County Planning will assist with any revisions to the Oceano Airport Master Plan.

County Counsel has reviewed and approved Amendment No. 4 as to legal form and effect.

### **FINANCIAL CONSIDERATIONS**

Estimated project costs and funding sources are summarized on Exhibit "A". No budget adjustment is necessary at this time. Prior to construction and when construction project costs are known, we will return to your Board to request a budget adjustment.

The design phase of the project is currently budgeted at \$248,995 in the FY 2011-12 Roads Fund Budget - WBS 300465, with offsetting revenues of \$190,840 in CDBG funding.

The proposed Amendment No. 4 is for a total compensation amount of \$159,440, which will bring the total contract amount to \$274,062. It also provides for authorization of future amendments not to exceed a contingency amount of \$20,000.

As the design progresses, the estimated project costs will be updated to reflect more detailed design. The design scope will be managed so as to reduce, minimize, or eliminate the estimated project shortfall. Additional funding is anticipated from SLOCOG through the Regional State Highway Account (RSHA) and Urban State Highway Account (USHA) programs and Caltrans has committed \$900,000 in FY 2013-14 Minor Program funds and have indicated an initial willingness to extend the funding beyond that fiscal year. Staff is also exploring additional funding options.

## **RESULTS**

Today's recommended actions will provide staff with direction and resources necessary to continue implementation of this project to mitigate drainage issues on Highway 1 in the community of Oceano, thereby contributing to a safer, healthier and more livable community.

c: Doug Hedman, Caltrans Local Project Oversight  
Richard Howell, Airport Manager

File: CF 420.176.01

Reference: 12MAY08-BB-1

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## **ATTACHMENTS**

1. Vicinity Map
2. Exhibit A - Estimated Budget and Funding Sources
3. Exhibit B - Preferred Alternative
4. Exhibit C - Summary of Project Constraints
5. Exhibit D - Public Works Memo of March 26, 2012 to Airport Services
6. Exhibit E - Airport Services Memo of April 2, 2012 to Public Works
7. Amendment No. 4 to Agreement for Engineering Consulting Services with CSD Engineering
8. Exhibit A4 to Amendment No. 4